



2004 North Dakota Wheat Varieties

July 16, 2004

Highlights

HFor the third consecutive year, Alsen was the leading spring wheat variety in North Dakota with 28.9 percent of the planted acreage. It is planted on more than 1.8 million acres. Reeder remains second with 840 thousand acres. Briggs and Knudson jump from twelfth and fourteenth in 2003 to third and fifth, respectively. Parshall falls to fourth in 2004 from third last year. These top five varieties account for 63.6 percent of the planted acreage. North Dakota continues to rank first in spring wheat planted acreage in the United States, with 46.1 percent of the nation's total.

Lebsock and Mountrail rank first and second, respectively, in North Dakota durum planted acreage. Ben falls to third place after leading for five consecutive years. These top three varieties make up 69.4 percent of the planted acreage. Monroe ranks fourth, a climb from sixth in 2003. The leading four durum varieties are all North Dakota releases. Kyle drops one place in 2004 to fifth from fourth last year. Once again, North Dakota ranks first in durum planted acreage in the United States, with 69.3 percent of the nation's total.

Jerry has 28.3 percent of the 2004 winter wheat acreage. Following Jerry in order, are Wesley, Ransom, Crimson, Elkhorn and Roughrider. These top six varieties are 64.8

percent of the planted acreage. Wesley (second) and Roughrider (sixth) are only separated by 2.8 percent. This year there are more acres in North Dakota planted with winter wheat than in any year since 1990.

Survey Description

SThe data in this report is based on results of a June survey of wheat producers conducted by USDA's North Dakota Agricultural Statistics Service. Nearly 2000 reports were summarized to produce highly reliable state averages. **Thank you to each person who supplied data and made this report possible.** Results include acreage and percentages at the State and Agricultural Statistics District levels. All variety acreage numbers in this publication are survey averages. At the district level, the number of reports for minor varieties is generally limited. Henceforth, some yearly variation in the district variety acreage may be the result of sample variation.

The North Dakota Wheat Commission and the North Dakota State University (NDSU) Agriculture Experiment Station provided supporting funds for this survey. The NDSU Extension Service provided variety descriptions. Free copies of this publication are available from the North Dakota Wheat Commission, 4023 State Street, Bismarck, ND 58503-0690; telephone (701) 328-5111.

SPRING WHEAT

Alsen retains its first place ranking for spring wheat varieties with 28.9 percent of the planted acres. Still leading in all except the three southern districts, it is planted in fewer acres in every district this year. A 2000 North Dakota release, Alsen has semi-dwarf height, strong straw strength, medium-early maturity rate and high test weight.

Reeder is second overall for the third consecutive year and leads the southwest and south central districts. It has 13.3 percent of the statewide planted acreage. This 1999 North Dakota release has semi-dwarf height, strong straw strength, medium-early maturity rate and high test weight.

Briggs is third in the state with 7.6 percent of the spring wheat acreage. It is a 2002 South Dakota release with semi-dwarf height, strong straw strength, medium-early maturity rate and leaf rust resistance.

Parshall ranks fourth with 7.1 percent of the planted acreage. A 1999 North Dakota release, it has medium height, strong straw strength, medium-early maturity rate and high test weight.

Spring Wheat ^{1/}
Percent of Acreage Planted, North Dakota, 2000-2004

Variety	2000	2001	2002	2003	2004	
					Pct.	Acres Planted
	----- Percent -----					
	- 1,000 -					
Alsen	0.4	6.7	30.8	37.4	28.9	1,821.5
Reeder	0.6	4.3	8.6	12.4	13.3	840.2
Briggs	0.0	0.0	0.0	1.5	7.6	480.1
Parshall	0.8	6.7	7.9	9.4	7.1	444.5
Knudson	0.0	0.0	0.1	1.0	6.7	421.7
Norpro	0.0	0.4	3.1	5.4	4.6	289.4
Oxen	9.6	8.2	7.6	5.9	4.4	278.5
Granite	0.0	0.0	0.0	0.6	3.4	213.2
Russ	20.3	18.2	6.0	3.7	2.7	172.9
Gunner	14.9	16.1	9.1	3.0	1.7	110.2
Walworth	0.0	0.0	0.5	2.0	1.7	107.8
Grandin	5.8	2.6	1.6	1.8	1.5	96.9
Mercury	0.0	0.0	0.6	1.1	1.3	80.2
Amidon	4.9	3.9	1.8	0.9	1.0	60.2
Hanna	0.0	0.0	0.0	0.3	0.9	57.8
Ingot	1.9	5.6	6.7	2.6	0.7	44.9
2375	13.5	6.8	3.4	1.8	0.7	44.4
Butte 86	2.2	1.2	1.1	1.0	0.7	43.7
Keene	2.7	2.4	1.0	0.8	0.6	39.7
McNeal	1.0	0.9	0.7	0.2	0.6	36.0
Len	0.4	0.3	0.4	0.5	0.5	30.5
Trenton	1.5	1.9	0.9	0.8	0.4	28.1
Gus	0.9	1.5	0.4	0.4	0.3	19.9
Other ^{2/}	18.6	12.3	7.7	5.5	8.5	537.5
All Varieties	100.0	100.0	100.0	100.0	100.0	6,300.0

^{1/} Percentages may not add to 100 due to rounding. ^{2/} Other includes varieties not listed and unknown varieties.

~ Compiled and Published by ~

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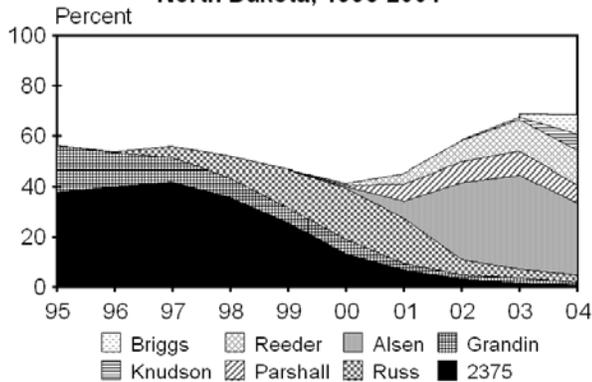
SPRING WHEAT (Continued)

**Spring Wheat ^{1/}
Percent and Acreage Planted, North Dakota, 2004**

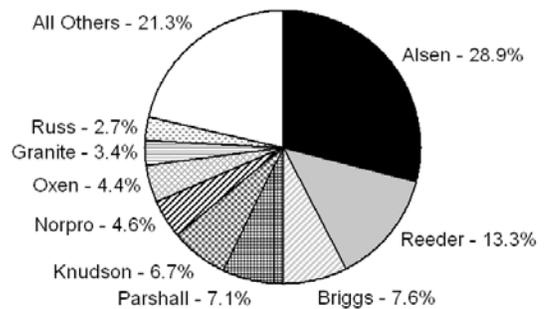
Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
----- Percent Planted -----										
Alsen	55.4	53.6	41.2	23.5	33.6	26.0	6.3	4.3	13.7	28.9
Reeder	8.3	3.5	1.8	19.1	7.5	2.7	48.0	23.7	9.3	13.3
Briggs	0.0	7.8	11.9	0.0	11.6	14.8	2.3	1.7	12.7	7.6
Parshall	6.0	5.0	6.6	5.8	11.8	3.7	11.9	8.9	3.3	7.1
Knudson	1.2	7.0	9.1	5.1	9.5	13.4	3.1	4.5	3.9	6.7
Norpro	2.8	3.2	2.3	8.8	7.3	3.6	3.7	5.7	7.0	4.6
Oxen	0.0	1.6	0.8	8.1	0.3	7.8	0.7	2.8	22.0	4.4
Granite	0.1	0.7	10.7	0.0	1.4	5.3	0.1	0.0	2.9	3.4
Russ	2.1	1.1	1.7	0.0	2.9	0.6	3.0	9.4	5.3	2.7
Gunner	5.8	1.8	0.8	2.3	0.9	0.0	3.2	1.2	1.0	1.7
Walworth	0.0	0.0	0.3	0.2	1.3	9.1	0.0	0.6	4.3	1.7
Grandin	3.2	1.1	0.2	4.4	0.0	0.0	2.7	3.4	0.6	1.5
Mercury	0.0	0.0	3.1	0.2	0.3	2.8	0.0	2.3	0.2	1.3
Amidon	3.2	0.6	0.1	0.8	1.5	0.3	1.0	1.5	0.8	1.0
Hanna	3.9	2.3	1.5	0.0	0.1	0.2	0.2	0.0	0.0	0.9
Ingot	0.0	0.0	0.2	0.0	0.3	1.6	0.0	1.1	3.7	0.7
2375	0.0	0.0	0.1	3.7	0.8	1.1	0.0	0.9	0.6	0.7
Butte 86	0.0	0.1	0.2	0.0	0.4	0.0	1.9	3.4	0.4	0.7
Keene	1.2	0.0	0.0	0.5	0.0	0.0	1.1	0.6	3.0	0.6
McNeal	0.0	0.0	0.0	5.9	0.0	0.0	0.3	0.0	0.0	0.6
Len	0.1	0.3	0.0	1.0	0.3	0.0	0.2	3.2	0.0	0.5
Trenton	0.0	0.5	0.0	0.8	0.0	0.0	1.1	1.6	0.5	0.4
Gus	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.6	0.0	0.3
Other ^{2/}	6.4	9.6	7.6	9.6	7.9	7.0	8.8	16.7	4.6	8.5
----- 1,000 Acres -----										
Alsen	304.9	284.3	555.6	136.5	194.8	187.1	49.9	26.0	82.4	1,821.5
Reeder	45.7	18.5	24.2	111.0	43.7	19.3	379.6	142.4	55.8	840.2
Briggs	0.0	41.5	160.0	0.0	67.2	106.7	18.1	10.3	76.3	480.1
Parshall	33.1	26.3	88.6	33.7	68.4	26.6	94.2	53.5	20.0	444.5
Knudson	6.7	37.4	122.4	29.3	55.2	96.3	24.5	26.7	23.3	421.7
Norpro	15.6	17.0	31.1	51.1	42.6	26.3	29.6	34.3	41.9	289.4
Oxen	0.0	8.3	11.1	47.1	1.8	56.4	5.2	16.5	132.1	278.5
Granite	0.5	3.8	144.0	0.0	8.4	38.3	0.6	0.0	17.7	213.2
Russ	11.3	5.8	22.7	0.0	16.8	4.2	23.8	56.3	32.0	172.9
Gunner	32.1	9.4	10.9	13.2	5.5	0.1	25.6	7.4	6.0	110.2
Walworth	0.0	0.0	3.7	1.4	7.8	65.2	0.0	3.7	25.9	107.8
Grandin	17.6	6.0	2.2	25.8	0.0	0.0	21.3	20.5	3.6	96.9
Mercury	0.0	0.0	41.6	1.4	1.8	20.2	0.0	13.8	1.4	80.2
Amidon	17.6	3.3	1.7	4.6	8.9	2.4	7.8	9.1	4.9	60.2
Hanna	21.7	12.2	20.4	0.0	0.7	1.1	1.7	0.0	0.0	57.8
Ingot	0.0	0.0	2.9	0.0	1.6	11.7	0.0	6.7	22.0	44.9
2375	0.0	0.0	1.6	21.2	4.9	7.9	0.0	5.2	3.5	44.4
Butte 86	0.0	0.5	3.3	0.0	2.2	0.0	14.9	20.1	2.7	43.7
Keene	6.3	0.0	0.0	3.1	0.0	0.0	9.0	3.5	17.7	39.7
McNeal	0.0	0.0	0.0	34.0	0.0	0.0	2.0	0.0	0.0	36.0
Len	0.3	1.8	0.0	5.8	1.9	0.0	1.6	19.1	0.0	30.5
Trenton	0.0	2.7	0.0	4.9	0.0	0.0	8.3	9.4	2.9	28.1
Gus	1.4	0.0	0.0	0.0	0.0	0.0	3.0	15.5	0.0	19.9
Other ^{2/}	35.3	51.1	102.0	55.8	45.8	50.3	69.5	99.9	27.9	537.5
All Varieties	550.0	530.0	1,350.0	580.0	580.0	720.0	790.0	600.0	600.0	6,300.0

^{1/} Percentages may not add to 100 due to rounding. ^{2/} Other includes varieties not listed and unknown varieties.

**Spring Wheat
Select Varieties Planted
North Dakota, 1995-2004**



**Spring Wheat Varieties
Percent of Total Planted
North Dakota, 2004**



DURUM WHEAT

Lebsock ranks first among durum wheat varieties planted in North Dakota for 2004. With 27.9 percent of planted acreage, it claims the largest share since 2000 when Ben had 29.0 percent. A 1999 release, Lebsock is characterized by medium height, strong straw strength, medium maturity, and good overall quality.

Mountrail climbed one position to second overall. Although with 21.3 percent of the durum acreage, it is down from 21.8 percent last year. It leads the northwest district for the third straight year. This late maturing 1998 release is of medium height with strong straw strength and average overall quality.

Ben is third in the state with 20.2 percent of the durum acreage; its popularity leads the southwest. It is a 1996 release with medium height, strong straw strength, medium maturity and excellent overall quality.

Monroe places fourth, and is another variety that ranks higher this year with less acreage. Down slightly from 4.3 percent in 2003, this year's 4.2 percent of planted acreage earns Monroe its highest ranking since 2000. This 1985 variety is described as tall, with medium straw strength, early maturity and good overall quality.

Durum Wheat ^{1/}
Percent of Acreage Planted, North Dakota, 2000-2004

Variety	2000	2001	2002	2003	2004	
					Pct.	Acres Planted
	----- Percent -----				- 1,000 -	
Lebsock	0.1	3.2	15.8	22.9	27.9	529.9
Mountrail	0.7	7.9	14.0	21.8	21.3	404.8
Ben	29.0	27.5	26.0	23.8	20.2	383.7
Monroe	10.3	7.3	7.8	4.3	4.2	79.0
Kyle	7.5	6.2	7.8	5.3	4.1	78.7
Maier	0.6	3.0	3.2	3.1	3.7	70.6
Renville	20.3	20.6	7.6	5.0	3.7	70.2
Pierce	0.0	0.0	0.0	1.5	2.9	54.3
Dilse	0.0	0.0	0.0	0.6	2.0	37.4
Vic	2.7	2.2	2.5	0.9	1.5	29.0
Munich	12.7	8.0	4.2	2.7	1.4	25.9
Plaza	0.0	0.0	1.6	2.0	1.1	20.4
Ward	0.4	0.4	0.3	0.3	0.8	14.4
Voss	0.3	0.3	0.8	0.1	0.4	7.6
AC Melita	0.0	0.2	0.1	0.0	0.3	5.4
Other ^{2/}	15.4	13.2	8.3	5.7	4.7	88.9
All Varieties	100.0	100.0	100.0	100.0	100.0	1,900.0

^{1/} Percentages may not add to 100 due to rounding. ^{2/} Other includes varieties not listed and unknown varieties.

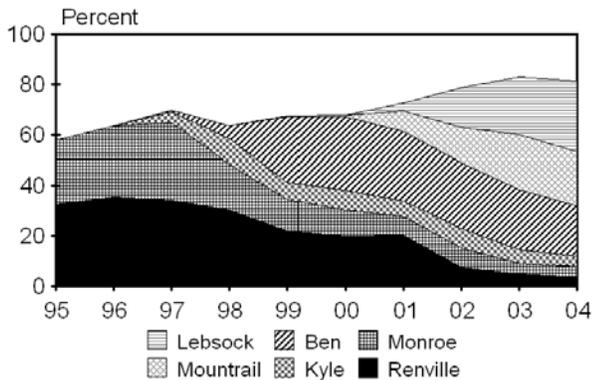
Durum Wheat ^{1/}
Percent and Acreage Planted, North Dakota, 2004

Variety	Northwest	North Central	Northeast	West Central	Central	Southwest	South Central	East Central & Southeast ^{2/}	State
	----- Percent Planted -----								
Lebsock	23.6	69.7	61.4	31.1	52.2	19.1	60.3	40.3	27.9
Mountrail	34.3	4.0	0.0	9.7	0.0	7.3	0.0	0.0	21.3
Ben	10.7	4.4	0.0	17.8	13.6	52.4	0.0	51.9	20.2
Monroe	6.3	0.0	0.0	5.2	0.0	0.0	0.0	7.8	4.2
Kyle	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
Maier	2.6	1.0	0.0	3.5	0.0	8.1	0.0	0.0	3.7
Renville	3.4	1.4	0.0	10.1	5.7	0.0	10.6	0.0	3.7
Pierce	1.6	10.0	0.0	8.3	15.8	0.5	0.0	0.0	2.9
Dilse	0.7	0.0	0.0	4.5	0.0	3.4	10.6	0.0	2.0
Vic	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
Munich	1.2	1.3	18.0	0.0	0.0	1.0	0.0	0.0	1.4
Plaza	0.7	0.0	0.0	3.4	0.0	0.8	0.0	0.0	1.1
Ward	0.0	4.1	0.0	3.8	0.0	0.0	0.0	0.0	0.8
Voss	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.4
AC Melita	0.2	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.3
Other ^{3/}	3.9	4.3	20.6	2.6	12.7	4.7	18.4	0.0	4.7
	----- 1,000 Acres -----								
Lebsock	236.4	55.7	30.7	91.6	13.0	77.3	21.1	4.0	529.9
Mountrail	343.5	3.2	0.0	28.7	0.0	29.4	0.0	0.0	404.8
Ben	107.0	3.5	0.0	52.4	3.4	212.1	0.0	5.2	383.7
Monroe	62.9	0.0	0.0	15.3	0.0	0.0	0.0	0.8	79.0
Kyle	78.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.7
Maier	26.4	0.8	0.0	10.4	0.0	32.9	0.0	0.0	70.6
Renville	34.1	1.1	0.0	29.8	1.4	0.0	3.7	0.0	70.2
Pierce	15.9	8.0	0.0	24.5	3.9	1.9	0.0	0.0	54.3
Dilse	6.7	0.0	0.0	13.4	0.0	13.6	3.7	0.0	37.4
Vic	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0
Munich	11.7	1.1	9.0	0.0	0.0	4.1	0.0	0.0	25.9
Plaza	7.4	0.0	0.0	10.0	0.0	3.1	0.0	0.0	20.4
Ward	0.0	3.2	0.0	11.1	0.0	0.0	0.0	0.0	14.4
Voss	0.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0	7.6
AC Melita	1.6	0.0	0.0	0.0	0.0	3.8	0.0	0.0	5.4
Other ^{3/}	38.8	3.4	10.3	7.7	3.2	19.2	6.5	0.0	88.9
All Varieties	1,000.0	80.0	50.0	295.0	25.0	405.0	35.0	10.0	1,900.0

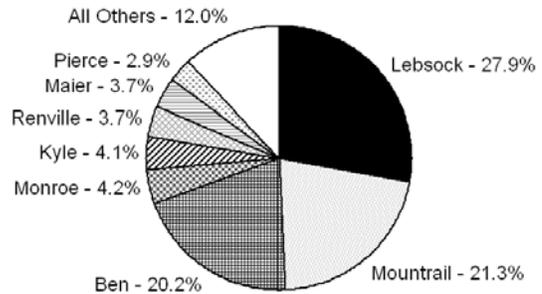
^{1/} Percentages may not add to 100 due to rounding. ^{2/} Data published in combined districts due to insufficient number of reports. ^{3/} Other includes varieties not listed and unknown varieties.

DURUM WHEAT (Continued)

**Durum Wheat
Leading Varieties Planted
North Dakota, 1995-2004**



**Durum Wheat Varieties
Percent of Total Planted
North Dakota, 2004**



WINTER WHEAT

Jerry is the most popular winter wheat variety planted in North Dakota for 2004. It was seeded on 28.3 percent of the planted acreage. Released in 2001 by North Dakota, Jerry has medium height, strong straw strength, medium maturity and good winter hardiness.

Wesley comes in second with 9.0 percent of winter wheat acreage. The product of a combined effort in Nebraska, Wyoming and South Dakota, it was released in 2000. Wesley is described as short with medium-strong straw strength, medium-early maturity and fair winter hardiness.

Ransom places third in 2004 with 7.3 percent of planted acreage after leading last year with 16.2 percent. This 1998 North Dakota release has medium height and straw strength, medium-early maturity, and good winter hardiness.

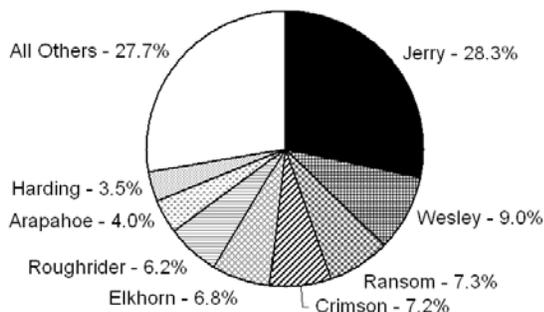
Crimson ranked fourth in 2004. It is of medium height and characterized by medium-strong straw strength, a medium maturity rate and fair to good winter hardiness. Crimson was released by South Dakota in 1997.

**Winter Wheat ^{1/}
Percent of Acreage Planted,
North Dakota, 1999-2001, 2003-2004 ^{2/}**

Variety	1999	2000	2001	2003	2004	
					Pct	Acres Planted
	----- Percent -----				- 1,000 -	
Jerry	0.0	0.0	0.0	9.5	28.3	67.8
Wesley	0.0	0.0	0.0	9.1	9.0	21.7
Ransom	0.0	4.3	8.5	16.2	7.3	17.5
Crimson	0.0	0.0	4.1	0.0	7.2	17.2
Elkhorn	22.4	25.7	12.3	12.6	6.8	16.2
Roughrider	25.0	32.6	16.7	10.6	6.2	14.8
Arapahoe	10.8	12.3	31.1	8.5	4.0	9.6
Harding	0.0	0.0	0.0	5.4	3.5	8.4
CDC Falcon	0.0	0.0	0.0	0.0	2.1	4.9
Seward	17.6	2.8	9.1	8.2	1.4	3.3
Other ^{3/}	24.2	22.3	18.2	19.9	24.4	58.6
All Varieties	100.0	100.0	100.0	100.0	100.0	240.0

1/ Percentages may not add to 100 due to rounding. 2/ 2002 estimates not published due to insufficient number of reports. 3/ Other includes varieties not listed and unknown varieties.

**Winter Wheat Varieties
Percent of Total Planted
North Dakota, 2004**



**North Dakota
Agricultural Statistics Districts**

